

1600

CRF Errors Edited by the STIC Systems Branch

Serial Number: 09/930,503A

CRF Edit Date: 4/12/04
Edited by: 182

ENTERED

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

J Corrected the SEQ ID NO. Sequence numbers edited were:

60

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



1600

RAW SEQUENCE LISTING

DATE: 04/12/2004

PATENT APPLICATION: US/09/930,503A

TIME: 15:59:25

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04122004\I930503A.raw

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3 <110> APPLICANT: HENRY, JAMES
4      CAHILL, CATHERINE
5      YASHPAL, KIRAN
7 <120> TITLE OF INVENTION: OLIGONUCLEOTIDES AND OTHER MODULATORS OF THE NK-1
8      RECEPTOR PATHWAY AND THERAPEUTIC USES THEREOF
10 <130> FILE REFERENCE: 457-117us
12 <140> CURRENT APPLICATION NUMBER: 09/930,503A
13 <141> CURRENT FILING DATE: 2001-08-16
15 <150> PRIOR APPLICATION NUMBER: 60/226,086
16 <151> PRIOR FILING DATE: 2000-08-18
18 <160> NUMBER OF SEQ ID NOS: 60
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 311
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25 <213> ORGANISM: Homo sapiens
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32          20          25          30
34 Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val Val
35          35          40          45
37 Gly Asn Val Val Val Met Trp Ile Ile Leu Ala His Lys Arg Met Arg
38          50          55          60
40 Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Ser
41   65          70          75          80
43 Met Ala Ala Phe Asn Thr Val Val Asn Phe Thr Tyr Ala Val His Asn
44          85          90          95
46 Glu Trp Tyr Tyr Gly Leu Phe Tyr Cys Lys Phe His Asn Phe Phe Pro
47          100         105         110
49 Ile Ala Ala Val Phe Ala Ser Ile Tyr Ser Met Thr Ala Val Ala Phe
50          115         120         125
52 Asp Arg Tyr Met Ala Ile Ile His Pro Leu Gln Pro Arg Leu Ser Ala
53          130         135         140
55 Thr Ala Thr Lys Val Val Ile Cys Val Ile Trp Val Leu Ala Leu Leu
56 145          150         155         160
58 Leu Ala Phe Pro Gln Gly Tyr Tyr Ser Thr Thr Glu Thr Met Pro Ser
59          165         170         175
61 Arg Val Val Cys Met Ile Glu Trp Pro Glu His Pro Asn Lys Ile Tyr
62          180         185         190
64 Glu Lys Val Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro
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70 Ala Ser Glu Ile Pro Gly Asp Ser Ser Asp Arg Tyr His Glu Gln Val
71 225      230      235      240
73 Ser Ala Lys Arg Lys Val Val Lys Met Met Ile Val Val Val Cys Thr
74      245      250      255
76 Phe Ala Ile Cys Trp Leu Pro Phe His Ile Phe Phe Leu Leu Pro Tyr
77      260      265      270
79 Ile Asn Pro Asp Leu Tyr Leu Lys Lys Phe Ile Gln Gln Val Tyr Leu
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97 aaatggataa cgtcctcccg gtggactcag acctctcccc aaacatctcc actaacacct 180
98 cggaacccaa tcagttcgtg caaccagcct ggcaaattgt cctttgggca gctgcctaca 240
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131 Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val Val
132          35          40          45
134 Gly Asn Val Val Val Met Trp Ile Ile Leu Ala His Lys Arg Met Arg
135          50          55          60
137 Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Ser
138 65          70          75          80
140 Met Ala Ala Phe Asn Thr Val Val Asn Phe Thr Tyr Ala Val His Asn
141          85          90          95
143 Glu Trp Tyr Tyr Gly Leu Phe Tyr Cys Lys Phe His Asn Phe Phe Pro
144          100          105          110
146 Ile Ala Ala Val Phe Ala Ser Ile Tyr Ser Met Thr Ala Val Ala Phe
147          115          120          125
149 Asp Arg Tyr Met Ala Ile Ile His Pro Leu Gln Pro Arg Leu Ser Ala
150          130          135          140
152 Thr Ala Thr Lys Val Val Ile Cys Val Ile Trp Val Leu Ala Leu Leu
153 145          150          155          160
155 Leu Ala Phe Pro Gln Gly Tyr Tyr Ser Thr Thr Glu Thr Met Pro Ser
156          165          170          175
158 Arg Val Val Cys Met Ile Glu Trp Pro Glu His Pro Asn Lys Ile Tyr
159          180          185          190
161 Glu Lys Val Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro
162          195          200          205
164 Leu Leu Val Ile Gly Tyr Ala Tyr Thr Val Val Gly Ile Thr Leu Trp
165          210          215          220
167 Ala Ser Glu Ile Pro Gly Asp Ser Ser Asp Arg Tyr His Glu Gln Val
168 225          230          235          240
170 Ser Ala Lys Arg Lys Val Val Lys Met Met Ile Val Val Val Cys Thr
171          245          250          255
173 Phe Ala Ile Cys Trp Leu Pro Phe His Ile Phe Phe Leu Leu Pro Tyr
174          260          265          270
176 Ile Asn Pro Asp Leu Tyr Leu Lys Lys Phe Ile Gln Gln Val Tyr Leu
177          275          280          285
179 Ala Ile Met Trp Leu Ala Met Ser Ser Thr Met Tyr Asn Pro Ile Ile
180          290          295          300
182 Tyr Cys Cys Leu Asn Asp Arg
183 305          310
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195 cggaacccaa tcagttcgtg caaccagcct ggcaaattgt cctttgggca gctgcctaca 240
196 cggtcattgt ggtgacctct gtgggtggga acgtggtagt gatgtggatc atcttagccc 300
197 acaaaagaat gaggacagt acgaactatt ttctggtgaa cctggccttc gcggaggcct 360
198 ccatggctgc attcaatata gtggtgaact tcacctatgc tgtccacaac gaatggtact 420

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202 tgctggcctt cccccagggc tactactcaa ccacagagac catgcccagc agagtctgtg 660
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226 20 25 30
228 Val Leu Trp Ala Ala Ala Tyr Thr Val Ile Val Val Thr Ser Val Val
229 35 40 45
231 Gly Asn Val Val Val Met Trp Ile Ile Leu Ala His Lys Arg Met Arg
232 50 55 60
234 Thr Val Thr Asn Tyr Phe Leu Val Asn Leu Ala Phe Ala Glu Ala Ser
235 65 70 75 80
237 Met Ala Ala Phe Asn Thr Val Val Asn Phe Thr Tyr Ala Val His Asn
238 85 90 95
240 Glu Trp Tyr Tyr Gly Leu Phe Tyr Cys Lys Phe His Asn Phe Phe Pro
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244 115 120 125
246 Asp Arg Tyr Met Ala Ile Ile His Pro Leu Gln Pro Arg Leu Ser Ala
247 130 135 140
249 Thr Ala Thr Lys Val Val Ile Cys Val Ile Trp Val Leu Ala Leu Leu
250 145 150 155 160
252 Leu Ala Phe Pro Gln Gly Tyr Tyr Ser Thr Thr Glu Thr Met Pro Ser
253 165 170 175
255 Arg Val Val Cys Met Ile Glu Trp Pro Glu His Pro Asn Lys Ile Tyr
256 180 185 190
258 Glu Lys Val Tyr His Ile Cys Val Thr Val Leu Ile Tyr Phe Leu Pro
259 195 200 205
261 Leu Leu Val Ile Gly Tyr Ala Tyr Thr Val Val Gly Ile Thr Leu Trp
262 210 215 220
264 Ala Ser Glu Ile Pro Gly Asp Ser Ser Asp Arg Tyr His Glu Gln Val

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267 Ser Ala Lys Arg Lys Val Val Lys Met Met Ile Val Val Val Cys Thr
268          245          250          255
270 Phe Ala Ile Cys Trp Leu Pro Phe His Ile Phe Phe Leu Leu Pro Tyr
271          260          265          270
273 Ile Asn Pro Asp Leu Tyr Leu Lys Lys Phe Ile Gln Gln Val Tyr Leu
274          275          280          285
276 Ala Ile Met Trp Leu Ala Met Ser Ser Thr Met Tyr Asn Pro Ile Ile
277          290          295          300
279 Tyr Cys Cys Leu Asn Asp Arg Phe Arg Leu Gly Phe Lys His Ala Phe
280 305          310          315          320
282 Arg Cys Cys Pro Phe Ile Ser Ala Gly Asp Tyr Glu Gly Leu Glu Met
283          325          330          335
285 Lys Ser Thr Arg Tyr Leu Gln Thr Gln Gly Ser Val Tyr Lys Val Ser
286          340          345          350
288 Arg Leu Glu Thr Thr Ile Ser Thr Val Val Gly Ala His Glu Glu Glu
289          355          360          365
291 Pro Glu Asp Gly Pro Lys Ala Thr Pro Ser Ser Leu Asp Leu Thr Ser
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302 <211> LENGTH: 1766
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VERIFICATION SUMMARY

DATE: 04/12/2004

PATENT APPLICATION: US/09/930,503A

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Input Set : A:\PTO.AMC.txt

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